



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/774,998	01/31/2001	Jukka Jarvi	602.338USW1	7086

32294 7590 05/05/2004

SQUIRE, SANDERS & DEMPSEY L.L.P.
14TH FLOOR
8000 TOWERS CRESCENT
TYSONS CORNER, VA 22182

EXAMINER

KNOWLIN, THJUAN P

ART UNIT	PAPER NUMBER
----------	--------------

2642

DATE MAILED: 05/05/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/774,998

Applicant(s)

JARVI, JUKKA

Examiner

Thjuan P Knowlin

Art Unit

2642

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02 January 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
2. Claims 1-10 are rejected under 35 U.S.C. 102(e) as being anticipated by Delis et al (US 6,119,001).
3. In regards to claims 1, 5, 6, and 10, Delis discloses a method for the management of subscriber functions, said method being used to manage subscriber functions in a telecommunication network (wireless telephone network 10), said subscriber function being stored in records (home location register 20 and col. 2-3 lines 63-4), characterized in that subscriber functions consistent with default function sets are stored in default records; the subscriber functions for each default subscriber are read from the default record concerned; the subscriber functions for each special subscriber are stored in a subscriber-specific record for the subscriber concerned; and the subscriber function for each special subscriber are read from the subscriber-specific record for the subscriber concerned (col. 1 lines 55-67, col. 5 lines 5-38, col. 5 lines 42-54, and col. 7 lines 22-31).
4. In regards to claims 2 and 7, Delis discloses the method, characterized in that data indicating whether the subscriber is a default subscriber or a special subscriber is provided in conjunction with the telephone number of the subscriber (col. 2-3 lines 63-12, col. 3-4 lines 64-17, and col. 4-5 lines 48-4).

5. In regards to claims 3 and 8, Delis discloses the method, characterized in that when changes are made in the subscriber functions for a special subscriber, a check is performed to establish whether the changed functions correspond to any one of the default function sets; and if the changed functions correspond to one of the default function sets, then the special subscriber concerned is redefined as a default subscriber (col. 5 lines 5-41).

6. In regards to claims 4 and 9, Delis discloses the method, characterized in that the subscriber functions are for a special subscriber are not stored in a subscriber-specific record until one of said functions is activated for use (col. 3-4 lines 64-17, col. 4-5 lines 48-4, and col. 5 lines 5-21).

Response to Arguments

7. Applicant's arguments filed 01/02/04 have been fully considered but they are not persuasive. Applicant states that Delis fails to disclose or suggest the elements within the present invention, in which approximately 90% of the subscribers can be dealt with by applying the changes to default records only, while subscriber-specific modifications only need to be made for the remaining 10% of the subscribers, and wherein the default functions can be read from one and the same storage place. These limitations, however, are not recited in the claims of the present invention. Applicant further states that Delis fails to suggest or disclose partitioning subscriber records into two groups--- default records and subscriber-specific records. Examiner respectfully disagrees with this argument. Delis does suggest and disclose partitioning subscriber records into two

groups---default records and subscriber-specific records (col. 1 lines 55-67, col. 5 lines 5-35, col. 5 lines 42-54, and col. 7 lines 22-31).

Conclusion

8. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).


9. A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thjuan P Knowlin whose telephone number is (703) 308-1727. The examiner can normally be reached on Mon-Fri 8:00-4:30pm.

11. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar can be reached on (703)305-4731. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

12. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Thjuan P. Knowlin
April 29, 2004


AHMAD MATAR
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600